NITFS
Compliance Registration

Product: **Front-end Processing Environment (FPE) Version 6.2 for the production of Digital Point Positioning Data Base (DPPDB)**

Sponsor: **National Imagery and Mapping Agency (NIMA)**

Developer: **British Aerospace Engineering (BAE)**

Production Date: **21 February 2003**
Expiration: **20 February 2005**
Registration #: **338**

- ☑ Initial Registration
- ☐ Supplemental/Update # _____
- ☐ Derived from Reg. # _____

☐ **System**
N-0105/98, §4.1.1

☐ **Product**
N-0105/98, §4.1.2

☑ **Component**
N-0105/98, §4.1.3

** NITF 2.0 feature
* NITF 2.1 feature

Complexity Level

NITF 2.1 CLEVEL			3		5	6	7
Interpret							
Generate							

NITF 2.0 CLEVEL	1	2	3	4	5	6	Oth
Interpret							
Generate	▮	▮	▮	▮	▮	▮	

Configurations Tested:
- Sun Enterprise Network, Solaris 8

NITFS Features Implemented:

Format
NITF
- ◯ ◯ v2.1
- ◯ ● v2.0
- ◯ v1.1

NSIF
- ◯ ◯ v1.0

Pixel Value Types
- ◯ ◯ Boolean
- ◯ ● Integer
- ◯ ◯ Signed Integer *
- ◯ ◯ IEEE Real *
- ◯ ◯ IEEE Complex *

Annotation Segment Types
- ◯ ◯ Bit Mapped **
- ◯ ● CGM, 2301
- ◯ ◯ CGM, 2301A
- ◯ ◯ Labels **

Text Segments
- ◯ ● STA
- ◯ ◯ UT1
- ◯ ◯ U8S
- ◯ ◯ MTF

Image Segment Types
- ◯ ● MONO
- ◯ ◯ RGB
- ◯ ◯ RGB/LUT
- ◯ ◯ YCbCr
- ◯ ◯ MULTI
- ◯ ◯ NODISPLY
- ◯ ◯ POLAR

Image Compression
- ◯ ◯ Not Compressed
- ◯ ● JPEG Lossy, 8-bit
- ◯ ◯ JPEG Lossy, 12-bit
- ◯ ◯ JPEG Downsample
- ◯ ◯ JPEG Lossless
- ◯ ◯ JPEG 2000
- ◯ ◯ Bi-Level
- ◯ ◯ Vector Quantization
- ◯ ◯ Multispectral JPEG, Individual Band

Data Extension Segments
- ◯ ◯ TRE_OVERFLOW
- ◯ ◯ STREAMING_FILE_HEADER
- ◯ ● Controlled Extensions **
- ◯ ◯ Registered Extensions **

Tagged Record Extensions
- ◯ ● MDSIRA
- ◯ ● PRADAA
- ◯ ● PRADRA
- ◯ ● RGRDRA
- ◯ ● SISDDA
- ◯ ● SEGSPA
- ◯ ● SSDPDA
- ◯ ● PTPRAA
- ◯ ● PPRSDA
- ◯ ● PSUPDA
- ◯ ● IMCBDA
- ◯ ● IMASDA
- ◯ ● IMRFCA

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